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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

February 3, 2005

**Parent Application**

In re application of : Sunigawa et al.  
International Application No.: PCT/JP2002/07963  
Publication Number: WO 2004/012814  
International Filing Date: August 5, 2002  
Priority Date Claimed: August 5, 2002  
For: MEDICAL TREATMENT SYSTEM BY SUBSTITUTING  
NATIVE BIOLOGICAL REGULATORY FUNCTION;  
CARDIAC PACING SYSTEM, BLOOD PRESSURE  
REGULATING SYSTEM, AND CARDIAC DISEASE  
TREATMENT SYSTEM BASED ON THE MEDICAL  
TREATMENT SYSTEM

Attorney Docket No.: KUP-5

HONORABLE COMMISSIONER OF PATENTS  
Alexandria, VA 22313-1450

**PRELIMINARY AMENDMENT  
TO US NATIONAL STAGE OF PCT APPLICATION  
FILED UNDER 35 USC 371**

**Amendments to the Specification** begin on page 2 of this paper.

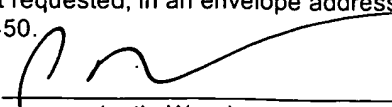
**Amendments to the Claims** are reflected in the listing of claims which begins on page 3  
of this paper.

**Remarks/Arguments** begin on page 8 of this paper.

**CERTIFICATE OF MAILING**

**Express Mail No.:** EV089986180US **Date:** February 3, 2005

I hereby certify that this correspondence is being deposited in the U.S. Postal Service as Certified Mail with a return receipt requested, in an envelope addressed to the Commissioner of Patents Alexandria VA 22313-1450.

  
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